

Manhole Inspection Summary

Manhole # S01QQ_018MH

Printed On: 6/24/2010

Page 1 of 3

Inspection ☐ Is Incomplete Rating: **3) Fair**

Record Plat: **01QQ** Node: **018** Status: **Found**

Insp Date: **2/4/08 9:20 AM**

Incomplete Comments

Crew: **RL CB**
Inspector: **Lamont**
Firm: **URS**

Location Address: **4527 FAIRFAX RD**

Cross Street: **CLIFTON RD**

Manhole Type: **Inline** Location: **Easement / Right of Way**

Ground Conditions: **Wet**

☐ Prev. Rehab

Weather: **Dry**

Subject To Ponding: **None**

Comments

Cover Shape: **Circular** Diameter: **26** (in.) Length: (in.) Dist A/B Grade: **28** (in.)

Type: **Sanitary**

Condition: **Sound**

Cover Material: **Cast Iron**

Properties: ☐ Bolted ☐ Vented ☐ Water Tight ☐ Water Tight Insert

Frame Offset: **0** (in.) Condition: ☒ Sound ☐ Cracked ☐ Leaks

Chimney / Frame Adjustment ☐ Exists Material: ☐ Parged Height: (in.)

Condition: ☐ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Corbel Material: **Precast Concrete** ☐ Parged Type: **Concentric/Eccentric**

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☒ None ☐ Joint ☐ Cracks ☐ Mortar ☐ Roots ☐ Wall

Barrel Material: **Brick** ☐ Parged

Shape: **D-Shape** Diameter: **48** (in.) Length: **48** (in.)

Condition: ☐ Sound ☒ **Cracked** ☐ Root Intrusion ☐ Loose Brick ☐ Deteriorated

Infiltration: ☐ None ☐ Joint ☒ **Cracks** ☒ **Mortar** ☐ Roots ☒ **Wall**

Bench ☒ Exists Material: **Brick** ☐ Parged

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

Channel Material: **Brick** ☐ Parged

Channel Exposure: **Fully Open** Junc Dist: **0** nearest .5 ft. Azimuth:

Condition: ☒ Sound ☐ Cracked ☐ Root Intrusion ☐ Deteriorated ☐ Leaks ☐ Debris

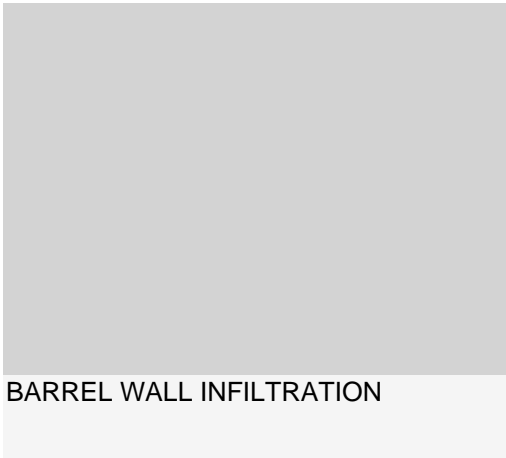
Steps Count: **14** Missing: **0** ☐ Corroded

Surcharge ☐ Evidence Of Surcharge Depth: (ft.) ☐ Active Surcharge Present

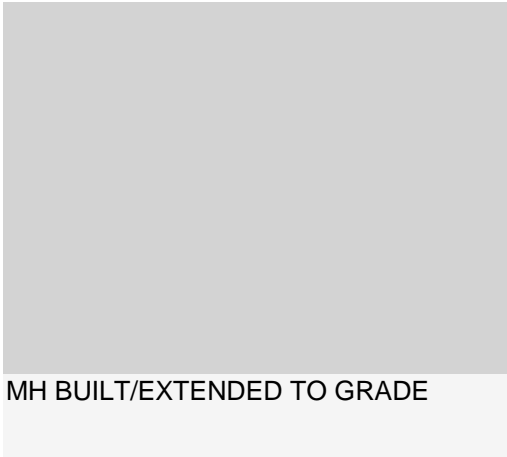
Location View



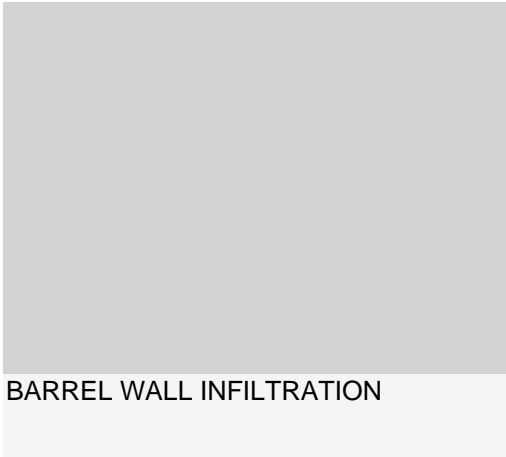
Top View



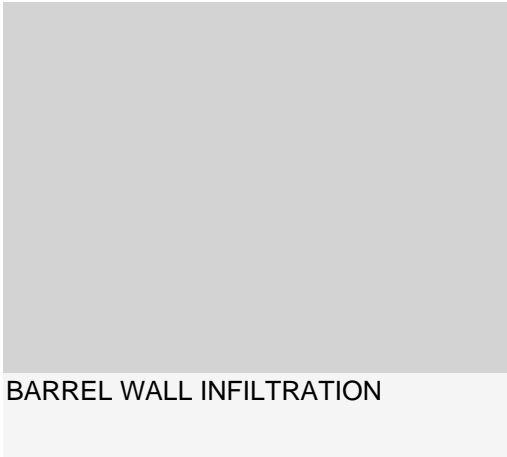
Top View



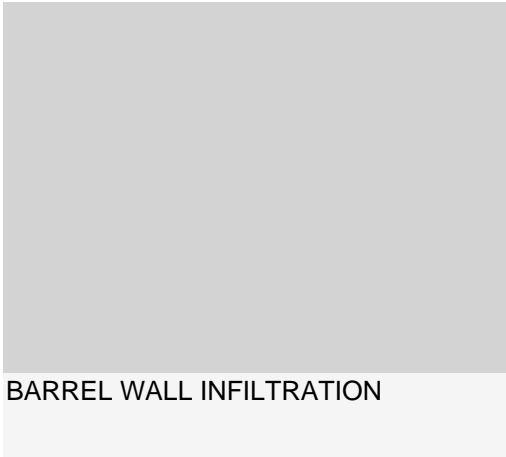
Defect 3



Defect 2



Defect 1



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Page 3 of 3

15 in. Circular Gravity Sewer
Pipe Out @ 12 O'Clock

12 O'Clock Outflow



PIPE SEAL AND BARREL INFILTRATION

Pipe Height: **15.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **22.70** (ft.) Flow Characteristics: **Turbulent**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **Evidence** Pipe Seal Cond: **Cracked**

Drop: **None**

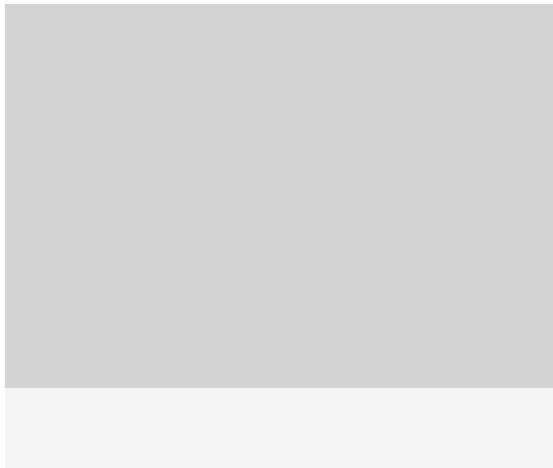
Connects To: **Manhole**

☐ Possible Illicit Connection

15 in. Circular Gravity Sewer
Pipe In @ 6 O'Clock

6 O'Clock Inflow

Drop In @ 6 O'Clock



Pipe Height: **15.6** (in.) Rod and Bar (Angled)
Pipe Material: **Clay** ☐ Pipe Lined
Invert Depth: **19.00** (ft.) Flow Characteristics: **Fast**
Deposits: ☒ None ☐ Mud ☐ Sludge ☐ Debris ☐ Grease
Silt Depth: (in.) Deposits Extent:
Infiltration: **None** Pipe Seal Cond: **Sound**

Drop: **Outside** Rod and Bar
Angled: **Yes** Reading: **21.50** (ft.)
Inv Depth: **22.50** (ft.)
Drop Condition: **Partly Clogged**

Connects To: **Manhole**

☐ Possible Illicit Connection